

BookletChartTM

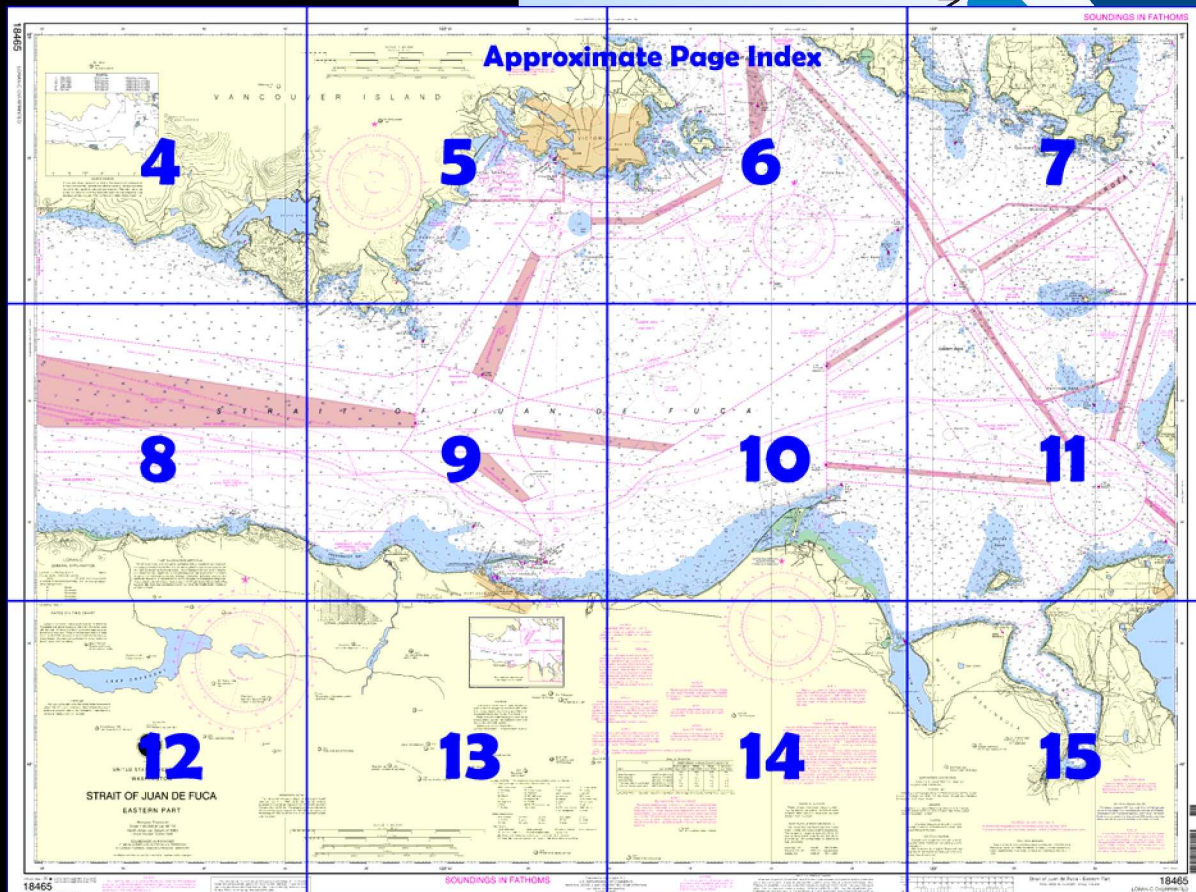
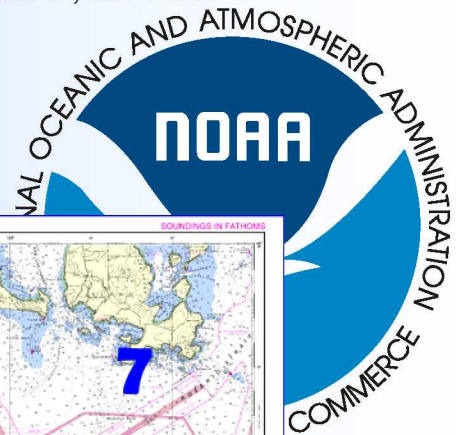
Strait of Juan de Fuca – Eastern Part

(NOAA Chart 18465)



A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.

- ✓ Complete, reduced scale nautical chart
- ✓ Print at home for free
- ✓ Convenient size
- ✓ Up to date with all Notices to Mariners
- ✓ United States Coast Pilot excerpts
- ✓ Compiled by NOAA, the nation's chartmaker.



Home Edition (not for sale)



What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

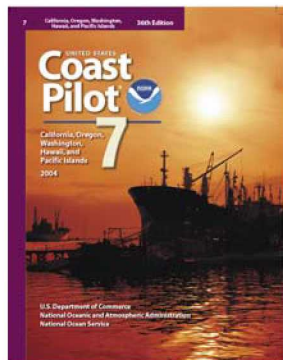
This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.



[Coast Pilot 7, Chapter 12 excerpts]

(98) **Sheringham Point** is marked by a light. Victoria marine radio station VAK is at Sheringham Point.

(100) **Beechey Head**, 11.5 miles ESE of Sheringham Point, is bold, wooded, and steep-to. Vessels bound up the strait and passing outside Race Rocks should give Beechey Head a berth of 2 miles.

(101) **Race Rocks**, 5 miles E of Beechey Head, are a cluster of bare low rocks from 0.5 mile to almost 1.5 miles from shore.

(106) **Bentinck Island**, 1 mile NW of Race Rocks Light, is fringed with kelp on its S and E sides. **Pedder Bay**, **Parry Bay**, and **Royal Roads**, separated by William Head and **Albert Head**, form the coast between Bentinck Island and the W entrance to Esquimalt Harbor.

(109) **William Head** is a comparatively low promontory extending about 0.5 mile NE of **Ned Point**. It is marked by a light and fog signal. Close W of William Head is **Quarantine Cove**, on the E shore of which are the conspicuous red brick buildings of the former quarantine station, now used as a penitentiary.

(111) **Constance Bank**, 6.8 miles E of William Head Light, has general depths of 8 to 13 fathoms.

(112) **Albert Head**, 3.3 miles NE of William Head, is marked by a light.

(113) **Esquimalt Harbor**, about 3 miles NNE of Albert Head, affords safe and ample anchorage and can be entered at any time.

(114) **Victoria Harbor**, landlocked and well protected, is about 2 miles ESE of Esquimalt Harbor, and can accommodate large vessels.

(116) **Brothie Ledge**, the only outlying danger, about 200 yards long within the 5-fathom curve, lies 0.6 mile S of Ogden Point.

(117) **Clover Point**, 2 miles ESE of the entrance to Victoria Harbor, is low, bare of trees, and steep-to.

(118) **Trial Islands**, 4 miles E of Victoria Harbor, are bare and rocky; from most directions the two islands appear as one.

(119) **Discovery Island**, 2 miles ENE of **Gonzales Point**, lies off the junction of Haro Strait and the Strait of Juan de Fuca.

(120) **Hein Bank**, with a least depth of 2¼ fathoms, lies 8.5 miles SE of Discovery Island; it is about 2 miles long in a N direction, within the 10-fathom curve, and 0.8 mile wide.

(121) **Smith Island**, 5 miles W of Whidbey Island and 8 miles ESE of Hein Bank, is irregular in shape and about 0.5 mile long.

(123) **Minor Island**, small, low, and rocky, lies 1 mile NE of Smith Island, and at lowest tide is connected with it by a gravel and boulder spit. A light is on the island.

(148) Shoal water makes out a considerable distance from **Low Point** (48°09.6'N., 123°49.5'W.), 5 miles E of Twin Rivers, and vessels should not approach this point closer than 0.8 mile.

(149) **Agate Bay**, 3.5 miles E of Low Point, is clear and deep; 10 fathoms can be carried to within 0.2 mile of the shore.

(150) **Crescent Bay**, 4.2 miles E of Low Point, is a small semicircular bight 1 mile in diameter.

A reef extends about 400 yards NW from **Tongue Point**, the E entrance point of Crescent Bay.

(151) **Observatory Point** is 3 miles E of Tongue Point.

(152) **Freshwater Bay**, about 4 miles E of Crescent Bay, is a broad open bight, affording anchorage in 6 to 10 fathoms.

(153) **Angeles Point**, on the E side of Freshwater Bay, is low, sandy, and covered with alders. The **Elwha River** empties into the strait at this point.

(157) **Port Angeles**, 6.5 miles E of Freshwater Bay and 56 miles from Cape Flattery, is entered between **Ediz Hook**, a low and narrow sandspit 3 miles long, and the main shore to the S.

(163) **Ediz Hook Light** (48°08'25"N., 123°24'08"W.), 60 feet above the water, is shown from a skeleton tower, 0.3 mile W of the E extremity of Ediz Hook.

(164) **Port Angeles** is on the S shore of the harbor.

(185) From Port Angeles the coast trends E for 13 miles to the end of **Dungeness Spit**, which borders the W side of **Dungeness Bay**.

(190) **Dungeness** is a small town on the S shore of the bay. The ruins of a former wharf extend about 1,000 yards out across the flats.

(192) **Protection Island**, a prominent feature in approaching Discovery Bay, is 200 feet high near its W extremity, 1.5 miles long and sparsely wooded; its N shore consists of bare, light bluffs. The E end and S shore are clear of dangers, but off **Kanem Point**, its SW end, a shoal extends SW for over 0.2 mile, and depths of 5 fathoms and less are found 0.5 mile W of the point. This shoal is marked by a buoy. **Dallas Bank** extends N from Protection Island; the 10-fathom curve lies about 2.5 miles from the N point. N of the 10-fathom curve the bank drops off abruptly to depths of over 20 fathoms. **Miller Peninsula**, about 6 miles long and 3 to 5 miles wide, separates Sequim Bay and Discovery Bay.

Table of Selected Chart Notes

Corrected through NM May 17/08
Corrected through LNM May 13/08

CABLE AND PIPELINE AREAS

The cable and pipeline areas falling within the areas of the large scale Canadian charts are not shown on this chart.

NOTE C

For Canadian Firing Practice and Exercise Areas see Canadian Notice to Mariners No. 35 on each annual edition.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 7 for important supplemental information.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

See Canadian List of Lights, Buoys and Fog Signals for information not included in the U.S. Coast Guard Light List.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Neah Bay, WA	KIH-36	162.55 MHz
Puget Sound, WA	WWG-24	162.425 MHz
Seattle, WA	KHB-60	162.55 MHz

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

○ (Accurate location) ○ (Approximate location)

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.695" southward and 4.724" westward to agree with this chart.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:



Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

NOTE E

SMALL ARMS SAFETY ZONE

Naval Air Station small arms range operates 7 days a week. Red flashing light and flags are displayed during live fire exercises. Use caution when transiting near the zone.

NOTE D

NAVAL OPERATING AREAS

Mariners should use caution as naval craft may be maneuvering within the areas. For further information, consult Local Notices to Mariners.

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No copyright is claimed by the United States Government under Title 17 U.S.C. However, other nations may claim intellectual property rights on the compilation of data depicting the foreign waters shown on this chart.

NOTE H

A Cooperative Vessel Traffic Services (CVTS) system has been established by the United States and Canada within the adjoining waters in the Juan de Fuca Region. The appropriate Vessel Traffic Center (VTC) (Tofino Traffic, Seattle Traffic, Victoria Traffic) administers the rules issued by both nations, however, it will enforce only its own set of rules within its jurisdiction.

NOTE G

The U.S. Coast Guard operates a mandatory Vessel Traffic Services (VTS) system in the U.S. waters covered by this chart. Vessel operating procedures and designated radio-telephone frequencies are published in 33 CFR 161, the U.S. Coast Pilot, and/or the VTS User's Manual.

HEIGHTS

Heights in feet above Mean High Water in U.S. Territory. Heights expressed in feet above Higher High Water, Larger Tides in Canadian Territory.

NOTE J

Mariners are cautioned that the Washington State and/or local government Ferries may deviate from the published standard routes due to inclement weather, traffic conditions, navigational hazards, or other emergency conditions. Standard ferry routes within the waters of the San Juan Islands are not displayed on this chart.

NATIONAL WILDLIFE REFUGE

The areas labeled NWR (National Wildlife Refuge) are closed to the public to protect breeding colonies of seabirds, endangered and threatened species, and marine mammals. Boaters are requested to stay at least 200 yards away from these islands to avoid disturbance to these animals.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 13th Coast Guard District in Seattle, Washington or at the Office of the District Engineer, Corps of Engineers in Seattle, Washington.

Refer to charted regulation section numbers.

Mercator Projection
Scale 1:80,000 at Lat 48° 13'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER IN U.S. TERRITORY
AT LOWEST NORMAL TIDES IN CANADIAN TERRITORY

LORAN-C GENERAL EXPLANATION

LORAN-C FREQUENCY.....100kHz
PULSE REPETITION INTERVAL
5990.....59,900 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators).
M.....Master
W.....Secondary
X.....Secondary
Y.....Secondary
Z.....Secondary

EXAMPLE: 5990-Y

RATES ON THIS CHART

Loran-C correction tables published by the National Geospatial-Intelligence Agency or others should not be used with this chart. The lines of position shown have been adjusted based on survey data. Every effort has been made to meet the 1/4 nautical mile accuracy criteria established by the U.S. Coast Guard. Mariners are cautioned not to rely solely on the lattices in inshore waters.

Additional information can be obtained at nauticalcharts.noaa.gov.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Canadian Surveys and U.S. Coast Guard.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot,

PUGET SOUND HARBOR SAFETY PLAN

The US Coast Guard and the Puget Sound Harbor Safety Committee have developed and adopted a Harbor Safety Plan that formally established a set of Standards of Care for Puget Sound and surrounding waters. These Standards of Care are intended to supplement existing regulations by documenting good marine practices for a variety of operations including tug escorts, pilotage, anchoring, lightering, and provides additional information on required charts, Aids to Navigation and Emergency Response. If your vessel does not already have a copy of the Puget Sound Harbor Safety Plan, log on to <http://www.marineexchange.com> or contact the Seattle Marine Exchange at (206) 443-3830.

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

NOTE F

TRAFFIC SEPARATION SCHEME

One-way traffic lanes overprinted on this chart are RECOMMENDED for use by all vessels traveling between the points involved. They have been designated to aid in the prevention of collisions in the Strait of Juan de Fuca waters, but are not intended in any way to supersede or alter the applicable Rules of the Road. Separation zones are intended to separate inbound and outbound traffic and to be free of ship traffic. Separation Zones should not be used for crossing purposes. When crossing traffic lanes and separation zones, use extreme caution.

Precautionary Areas have been established where major lanes merge and cross the traffic separation scheme. It is recommended that vessels proceed with caution in these areas. Wherever practical, vessels entering or leaving the system should do so at these precautionary areas. For more information regarding Traffic Separation Scheme procedures and regulations, see 33 CFR 167 and/or Chapter 2 of the U.S. Coast Pilot.

For information governing the VESSEL TRAFFIC MANAGEMENT AND INFORMATION SYSTEM for the coastal waters of southern British Columbia, see National Geospatial-Intelligence Agency Publication 154, Sailing Directions (enroute) for British Columbia, and the Sailing Directions British Columbia Coast (South Portion) Volume 1, published by the Canadian Hydrographic Service.

COLREGS, 80.1385 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.

The entire area of this chart falls seaward of the COLREGS Demarcation Line.



Vessel Traffic Services call-in point with numbers; arrow indicates direction of vessel movement.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

TIDAL INFORMATION

PLACE	(LAT/LONG)	Height referred to datum of soundings (MLLW)		
		Mean Higher High Water	Mean High Water	Mean Low Water
		feet	feet	feet
Port Townsend	(48°07'N/122°45'W)	8.5	7.8	2.5
Port Angeles	(48°07'N/123°26'W)	7.1	6.5	1.9
Crescent Bay	(48°10'N/123°44'W)	6.7	6.1	2.0
* Victoria, Vancouver Island	(48°26'N/123°23'W)	8.6	8.0	4.6
* Sooke, Vancouver Island	(48°22'N/123°44'W)	9.4	8.4	4.8

Dashes (---) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from <http://tidesandcurrents.noaa.gov>.

(Jan 2008) *Note - In Canadian waters the chart datum is the average of the Lowest Normal Tides, approximately.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	iso isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

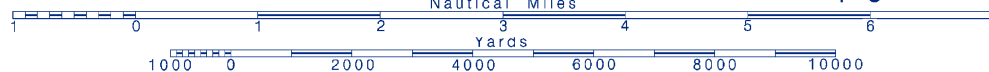
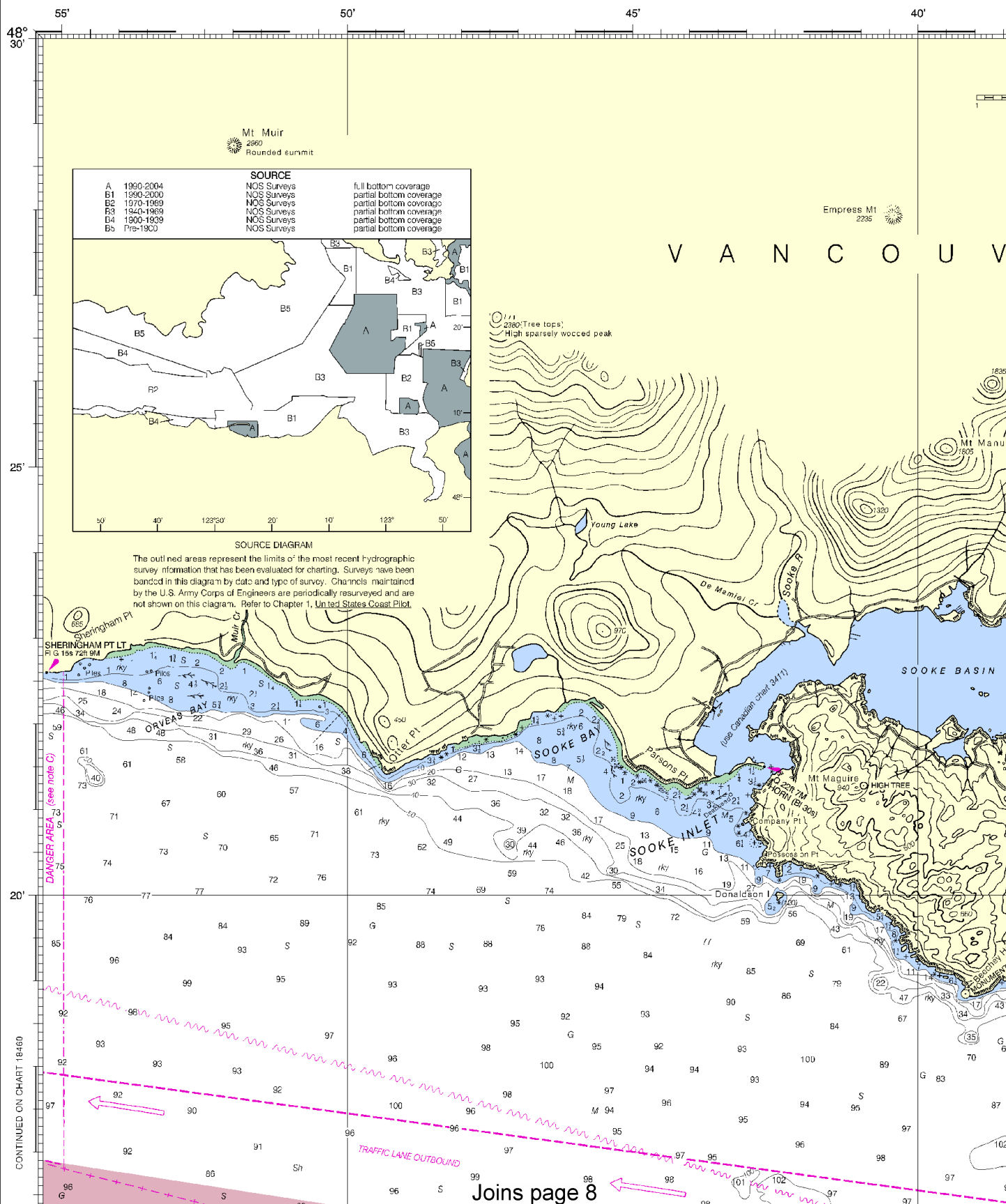
Bcls boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

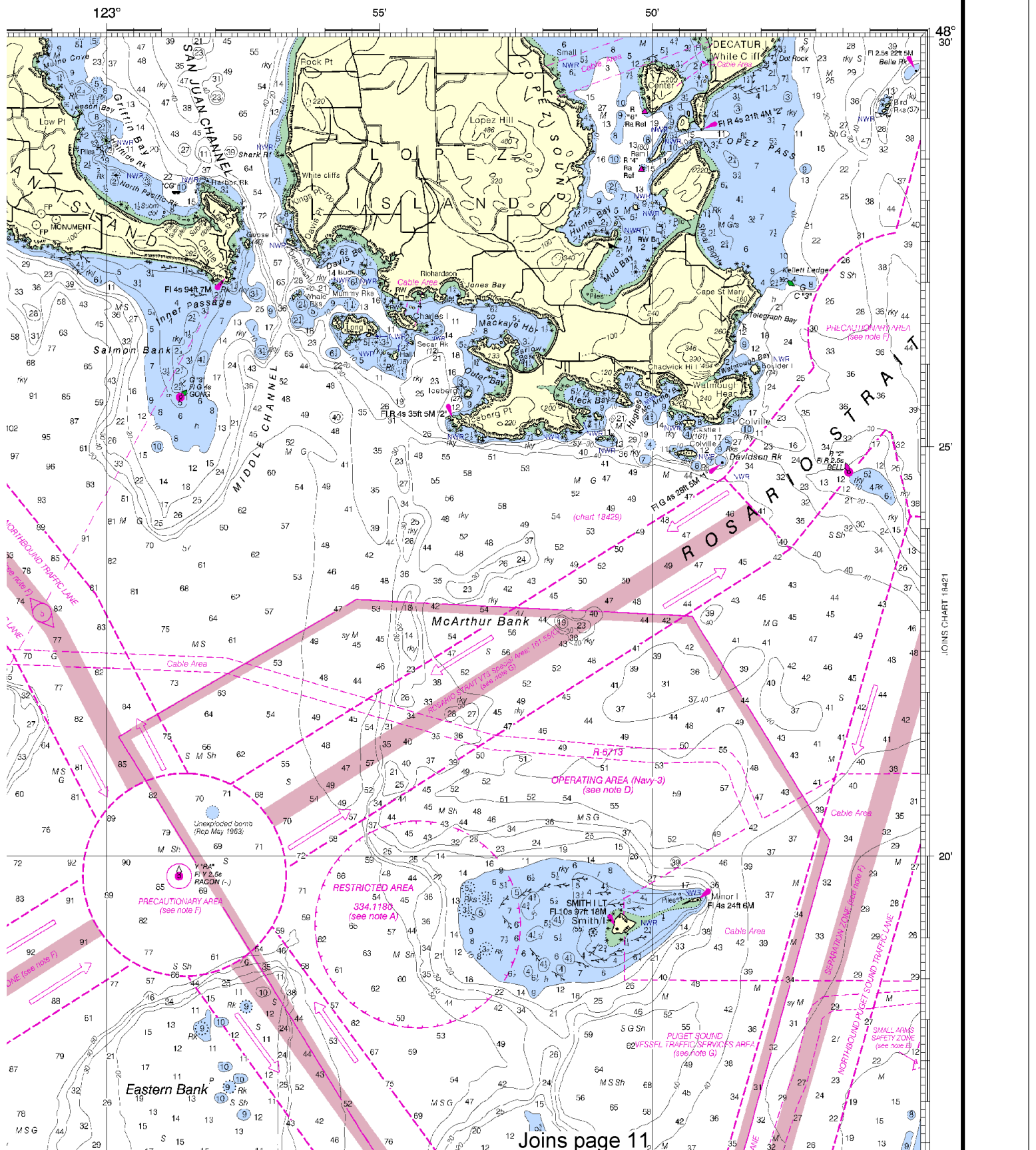
AUTH authorized	Obtn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	
21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.			
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.			

PRINT-ON-DEMAND CHARTS

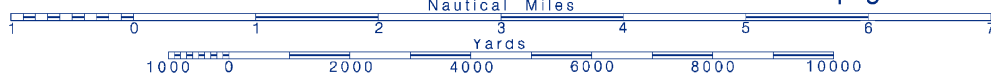
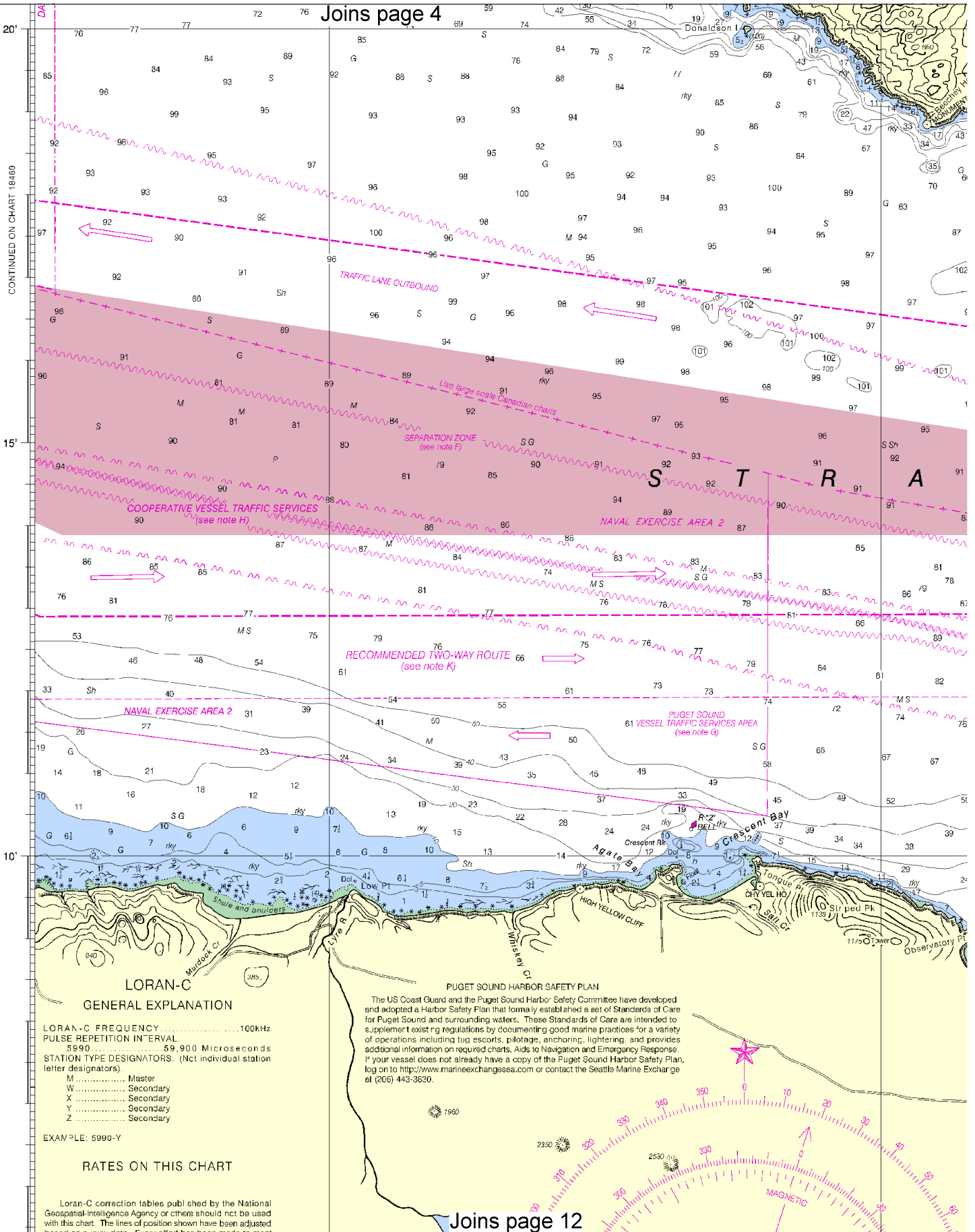
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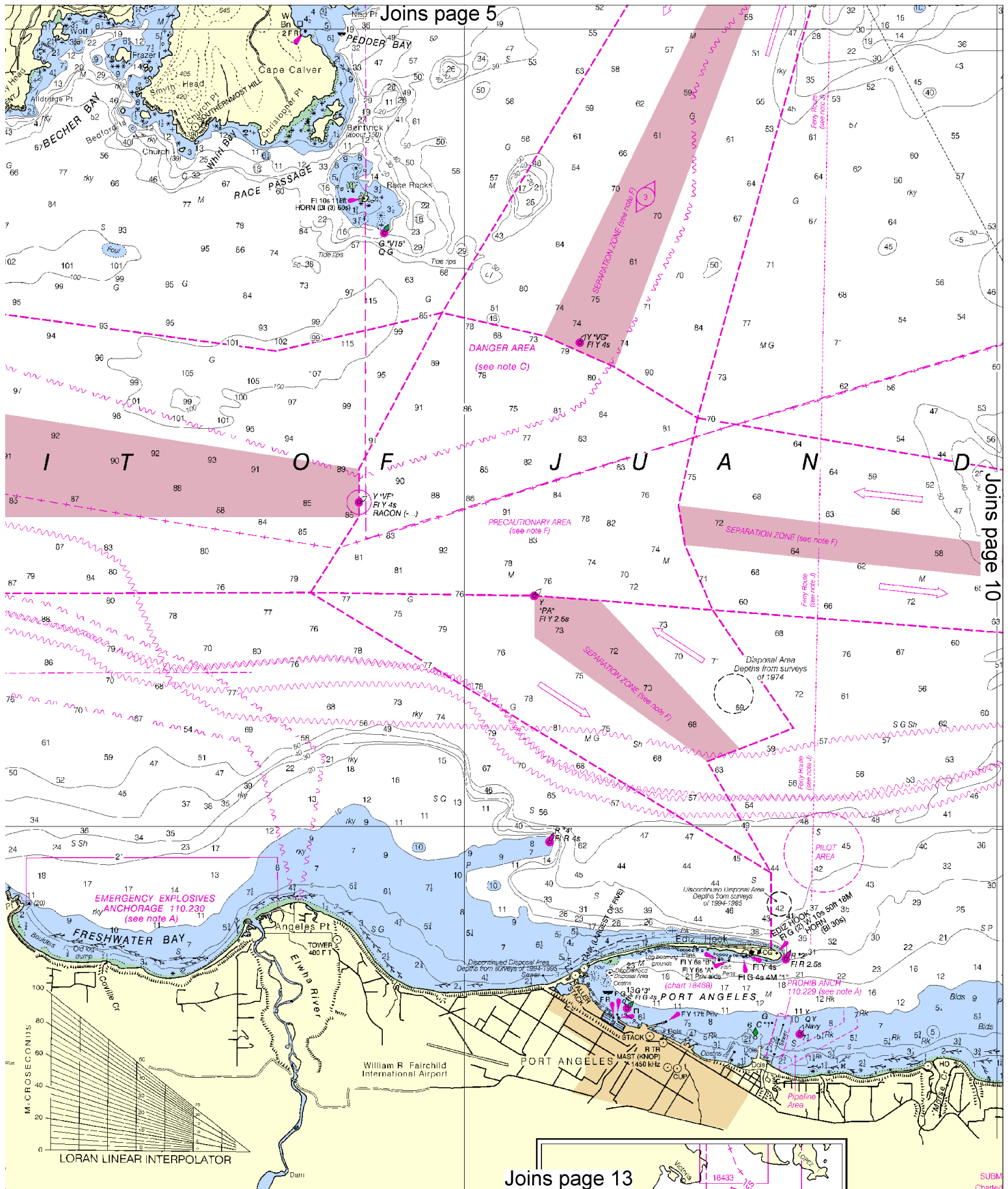


SOUNDINGS IN FATHOMS

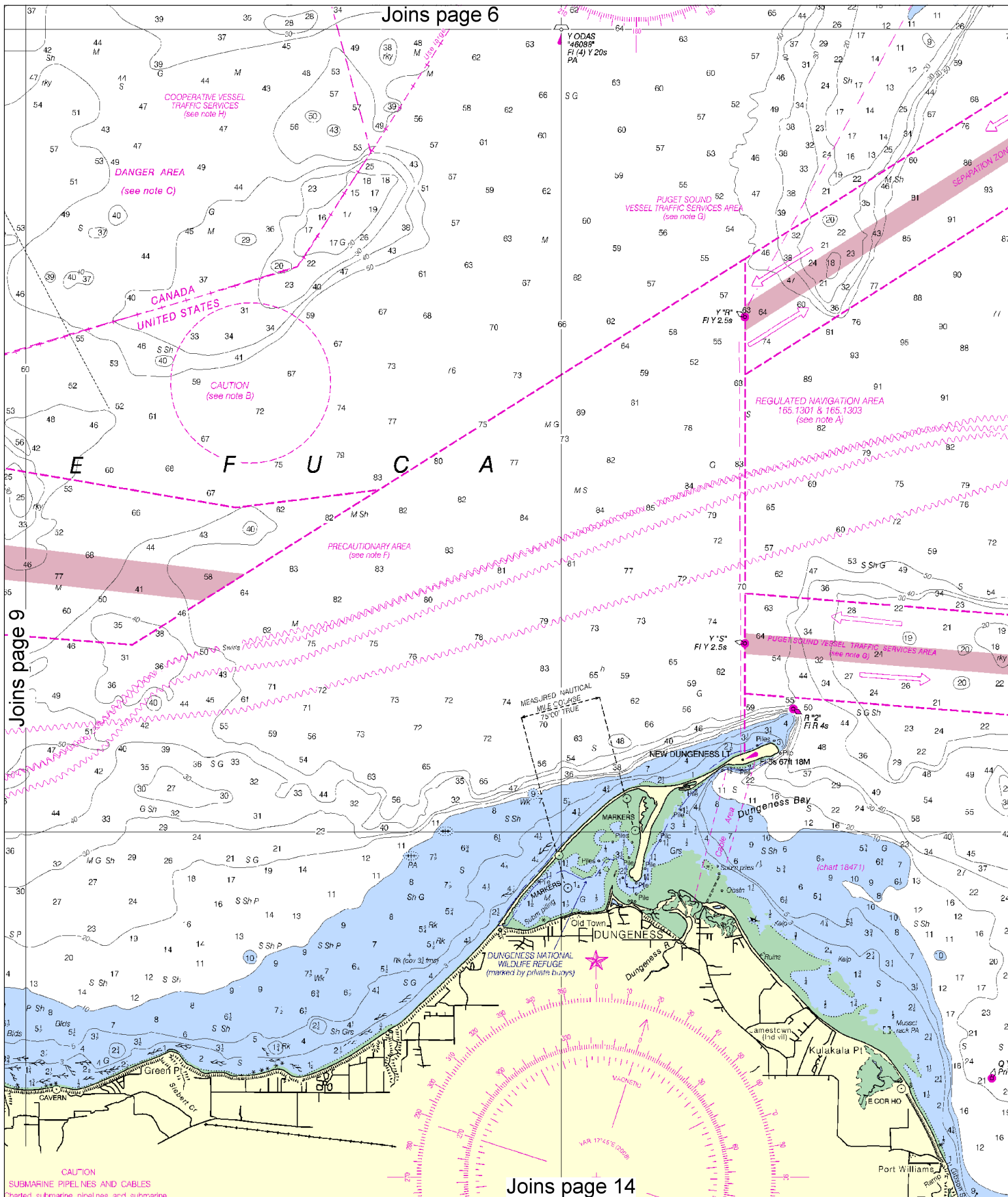


This BookletChart has been updated with: Coast Guard Local Notice To Mariners: 0710 2/16/2010,
 NGA Weekly Notice to Mariners: 0910 2/27/2010,
 Canadian Coast Guard Notice to Mariners: n/a .





Joins page 6



Joins page 9

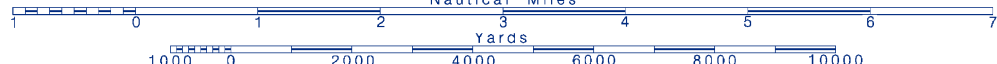
Joins page 14



Printed at reduced scale.

SCALE 1:80,000

See Note on page 5.



Joins page 7

RESTRICTED AREA 334.1180 (see note A)

PRECAUTIONARY AREA (see note F)

Eastern Bank

Partridge Bank

RESTRICTED AREA 334.1210 (see note A)

SEPARATION ZONE (see note F)

Dallas Bank

Port Townsend

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JOINS CHART 18441

Joins page 15

LORAN-C GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz
PULSE REPETITION INTERVAL
5990 59,900 Microseconds
STATION TYPE DESIGNATORS: (Not individual station
letter designators)
M Master
W Secondary
X Secondary
Y Secondary
Z Secondary

EXAMPLE: 5990-Y

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3800 (Tree tops)
Western and higher
of two wooded peaks

Sourdough Mt
4700 (east end of flat top)

Aurora Pk
4710
Notch top (east tip)



UNITED STATES-WEST COAST WASHINGTON

STRAIT OF JUAN DE FUCA EASTERN PART

Mercator Projection
Scale 1:80,000 at Lat 48° 13'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER IN U.S. TERRITORY
AT LOWEST NORMAL TIDES IN CANADIAN TERRITORY

Additional information can be obtained at nauticalcharts.noaa.gov.

38th Ed., May/08 ■ Corrected through NM May 17/08
Corrected through LNM May 13/08

18465

LORAN-C OVERPRINTED

CAUTION
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12



Printed at reduced scale.

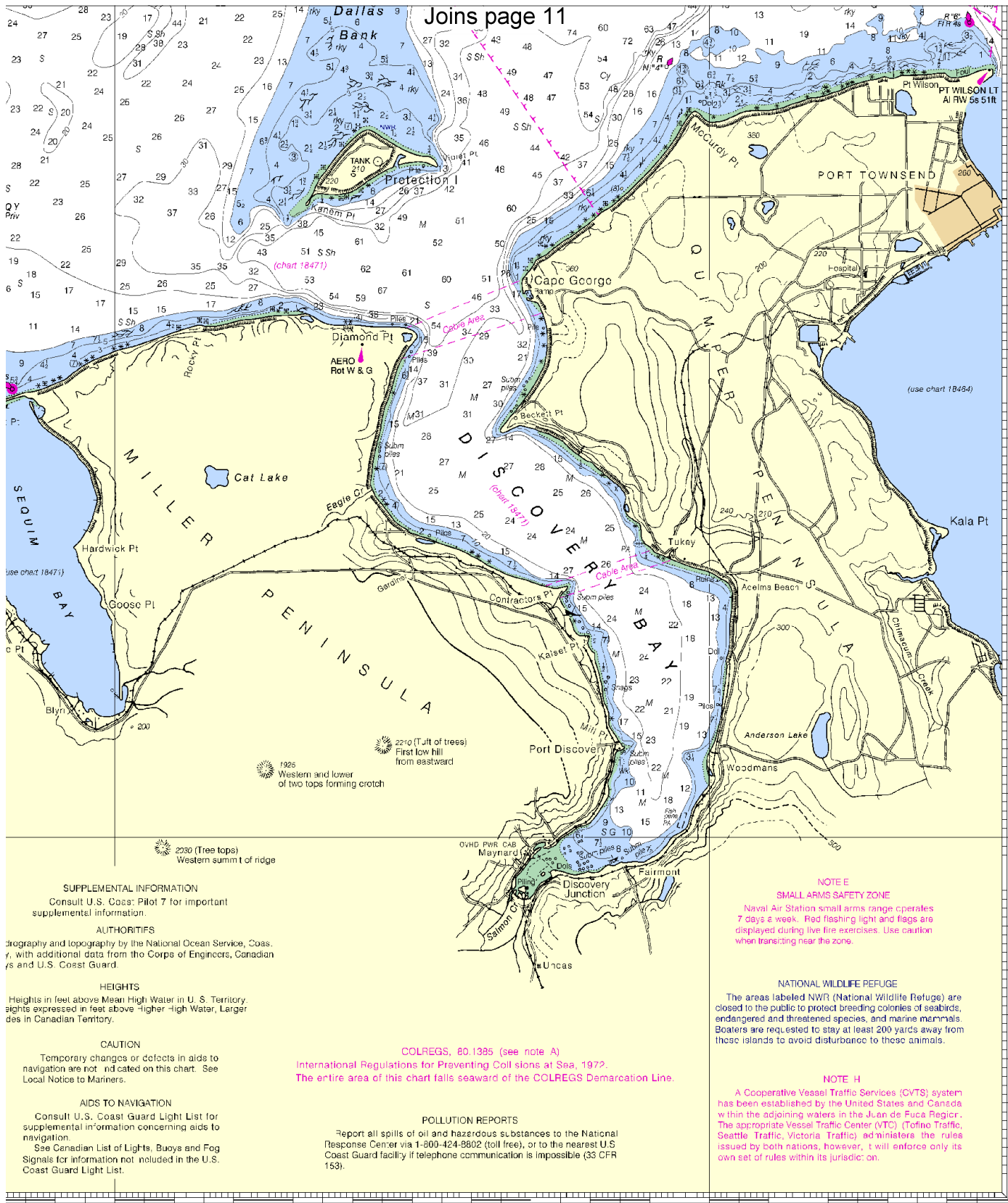
SCALE 1:80,000
Nautical Miles

See Note on page 5.

Yards
1000 0 2000 4000 6000 8000 10000







THOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
TFERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Strait of Juan de Fuca - Eastern Part
SOUNDINGS IN FATHOMS - SCALE 1:80,000

18465
LORAN-C OVERPRINTED

NSN 7642014011491
ED. NO. 38
NGA REFERENCE NO. 18AC018465

EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 & 78A – Recreational boat channels.

Distress Call Procedures

1. Make sure radio is on.
2. Select Channel 16.
3. Press/Hold the transmit button.
4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
5. Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
6. Release transmit button.
7. Wait for 10 seconds – If no response Repeat MAYDAY Call.

HAVE ALL PERSONS PUT ON LIFE JACKETS !!

Mobile Phones – Call 911 for water rescue.

Coast Guard Search & Rescue – 206-220-7001

Coast Guard Port Angeles – 360-457-4404

Commercial Vessel Assistance – 1-800-367-8222

NOAA Weather Radio – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

Getting and Giving Help – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



NOAA CHARTING PUBLICATIONS

Official NOAA Nautical Charts – NOAA surveys and charts the national and territorial waters of the U.S., including the Great Lakes. We produce over 1,000 traditional nautical charts covering 3.4 million square nautical miles. Carriage of official NOAA charts is mandatory on the commercial ships that carry our commerce. They are used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters. NOAA charts are available from official chart agents listed at: www.NauticalCharts.NOAA.gov.

Official Print-on-Demand Nautical Charts – These full-scale NOAA charts are updated weekly by NOAA for all Notice to Mariner corrections. They have additional information added in the margin to supplement the chart. Print-on-Demand charts meet all federal chart carriage regulations for charts and updating. Produced under a public/private partnership between NOAA and OceanGrafix, LLC, suppliers of these premium charts are listed at www.OceanGrafix.com.

Official Electronic Navigational Charts (NOAA ENC[®]) – ENCs are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENCs comply with standards of the International Hydrographic Organization. ENCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official Raster Navigational Charts (NOAA RNC[™]) – RNCs are geo-referenced digital pictures of NOAA's charts that are suitable for use in computer-based navigation systems. RNCs comply with standards of the International Hydrographic Organization. RNCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official BookletCharts[™] – BookletCharts[™] are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketCharts[™] – PocketCharts[™] are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot[®] – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to <http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm>.

Internet Sites: www.NauticalCharts.NOAA.gov, www.NOAA.gov, www.TidesandCurrents.NOAA.gov, www.NOS.NOAA.gov.